

# ABSTRACT OF THE DISCLOSURE

A method permitting less energy consumption and efficient formation of high quality electrodes is provided. An electrode is formed as an electrodeposited film by irradiating the surface of an object to be treated, the surface at least permitting generation of charged particles when irradiated with a laser beam, with a femtosecond laser beam and metal-plating the surface of a substrate using hot electrons generated by this laser irradiation.